

**Commercial - MECHANICAL****Essential Referenced Standards****Based on 2012 Michigan Mechanical Code, Chapters 15 and 16****Prepared 4/22/14**

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Standard	Year	Title	Estimated Price of Standard	Comments
ACCA				
Manual D	2009	Residential Duct Systems	\$88.59	
Manual J	2011	Residential Load Calculation— Eighth Edition	\$154.95	
Manual S	2010	Residential Equipment Selection	\$59.39	
183	2007	Peak Cooling and Heating Load Calculations in Buildings Except Low-rise Residential Buildings	\$33.00	
ASHRAE				
15	2010	Safety Standard for Refrigeration Systems	\$107.00	ASHRAE 15 & 34 sold together
34	2010	Designation and Safety Classification of Refrigerants		See ASHRAE 15
62.1	2010	Ventilation for Acceptable Indoor Air Quality	\$79.00	ASHRAE now has 2013 edition available
ASME				
B31.3	2010	Process Piping	\$390.00	Total for listed sections only. ASME now publishes 2013 stds. BPVC with all sections is \$13,199.97
B36.10M	2004	Welded and Seamless Wrought Steel Pipe	\$57.00	
BPVC	2007	Boiler & Pressure Vessel Code (Sections I, II, IV, V & VI)	\$4,265.00	
CSD-1	2009	Controls and Safety Devices for Automatically Fired Boilers	\$93.00	
DOL				
29 CFR Part 1910.1000	2009	Air Contaminants	\$0.00	free download
29 CFR Part 1910.1025	2009	Toxic and Hazardous Substances	\$0.00	free download
ICC				
IFGC	2012	International Fuel Gas Code	\$76.00	
MMC	2012	Michigan Mechanical Code	\$71.00	

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MRCEB	2009	Michigan Rehabilitation Code for Existing Buildings	\$66.00	
MRC	2009	Michigan Residential Code	\$81.50	
<b>IIAR</b>				
2	1999	Addendum A (2005) to Equipment, Design, and Installation of Ammonia Mechanical Refrigerating Systems	\$80.00	IIAR now publishes Standard 2-2008 w/ Addendum B
<b>MSS</b>				
SP-58	1993	Pipe Hangers and Supports—Materials, Design and Manufacture	\$295.00	
SP-69	2002	Pipe Hangers and Supports - Selection and Application	\$218.00	MSS now publishes SP-69-2003. Note on website says std will be withdrawn effective 3/11/14. After that date use ANSI/MSS SP-58-2009
<b>NFPA</b>				
13	2010	Installation of Sprinkler Systems	\$95.50	
13D	2010	Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	\$46.50	
13r	2007	Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height	\$42.00	
31	2011	Installation of Oil-Burning Equipment	\$46.50	
58	2011	Liquefied Petroleum Gas Code	\$54.50	
96	2008	Ventilation Control and Fire Protection of Commercial Cooking Operations	\$42.00	NFPA now has 2011 and 2014 editions available
211	2010	Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances	\$46.50	NFPA now has 2013 edition available
<b>SMACNA</b>				
SMACNA/ANSI	2005	HVAC Duct Construction Standards - Metal and Flexible	\$247.00	
SMACNA	2003	Fibrous Glass Duct Construction Standards	\$159.00	
<b>TOTAL:</b>			<b>\$6,993.93</b>	